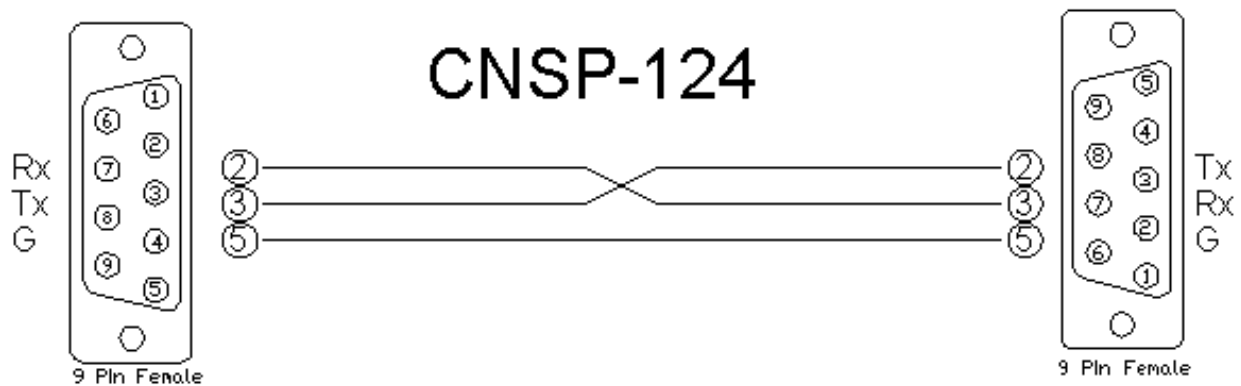


Partner: Russound
Model: SMS3
Device Type: Media Server



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Russound SMS3 v4.1	
CATEGORY:	Transport Decks	
VERSION:	4.1	
SUMMARY:	Provides control of the Russound SMS3. This module is for 2 series processors only.	
GENERAL NOTES:	<p>This module provides control and true feedback of the Russound SMS3 music server. The Russound SMS3 may be controlled via RS232 or TCP/IP.</p> <p>To start a search you need to pulse the New_Search input first.</p>	
CRESTRON HARDWARE REQUIRED:	C2I-COM6, C2COM-2, C2COM-3, C2ENET-1, C2ENET-2	
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 57600 Parity: None Data Bits: 8 Stop Bits: 1	TCP/IP Port: 9000 or 9001
VENDOR FIRMWARE:	MediaServer_01_00_00_37	
VENDOR SETUP:	None	
CABLE DIAGRAM:	CNSP-124	



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CONTROL:

Play/Pause	D	Pulse to play or pause the stream.
Rewind	D	Pulse to restart the currently playing song.
Next/Previous_Song	D	Pulse to go to the next or previous song.
Repeat_Current_Song	D	Pulse to repeat the currently playing song.
View_Playlist	D	Pulse to view the next songs in the playlist.
Play_Next	D	Pulse to play the selected song next. You must first pulse the View_Playlist and then select one of the results.
Remove_From_Playlist	D	Pulse to remove the selected from the playlist. You must first pulse the View_Playlist and then select one of the results.
Search_String\$	S	Serial string to search for.
New_Search	D	Pulse to start a new search. You must do this before you can execute a search.
Search_*	D	Pulse to search for the desired category.
Play_Soon/Now	D	Pulse to add the selected result to the playlist. Same as the On-Screen commands.
Clear_Playlist_Then_Add_To_Playlist	D	Pulse to clear the playlist and then add the selected result to the playlist. This will stop the currently playing song.
View_Themes	D	Pulse to view the themes.
Play_Themes	D	Pulse to play the selected theme.
First/Previous/Next_Results	D	Pulse to move through the pages of results.
Select_Result_*	D	Pulse to select a result.
Refresh_Current_Data	D	Pulse to refresh the currently playing data.
Telnet_1_RS-232	D	Pulse if you are controlling the SMS3 via RS232 or TCP/IP Port 9001.
Telnet_2	D	Pulse if you are controlling the SMS3 via TCP/IP Port 9000.
From_Device\$	S	Serial signal to be routed from a 2-way serial com port or a TCP/IP symbol.

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**PARAMETERS:**

Stream Number	P	Analog value of the stream number you want to control.
Number of Results Per Page	P	Analog value of the number of results per page.

FEEDBACK:

Play/Pause_Fb	D	High to indicate the current state of the stream.
Current_*\$	S	Serial signals with the information about the currently playing song.
Enable_*	D	High to indicate that the input is enabled. This can be used for multi mode buttons.
Select_Result_*_Fb	D	High to indicate the selected result.
Result_*\$	S	Serial signal with the result data.
Playlist_Artist_Album_*\$	S	Serial signal containing the playlist information. This field contains the artist and album name.
Playlist_Song_*\$	S	Serial signal containing the playlist information. This field contains the song title.
To_Device\$	S	Serial signal to be routed to a 2-way serial com port or a TCP/IP symbol.

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**TESTING:**

OPS USED FOR TESTING: 4.000.0226

SIMPL WINDOWS USED FOR TESTING: 2.10.25

CRES DB USED FOR TESTING: 19.02.005

SYMBOL LIBRARY USED FOR TESTING: 541

SAMPLE PROGRAM: Russound SMS3 v4.1 Demo

REVISION HISTORY:

- V. 1.0 – Original release.
- V. 2.0 – Fixed an issue with more than 32767 songs on the Russound.
- V. 3.0 – Renamed Function Man to Function Main in Simpl+.
- V. 4.0 – Fixed an issue with reading all of the information. Russound changed the order of the information they send. This caused us to over look some pieces that we really wanted.
- V. 4.1 – Fixed an issue with buffer sizes while doing searches.